Alside BECAUSE LIFE IS FOR LIVING®

3773 STATE ROAD, CUYAHOGA FALLS, OH 44223

MODEL 3102
PVC HORIZONTAL SLIDER
w/ NAILING FIN

"IMPACT"

ALSO DISTRIBUTED UNDER THE FOLLOWING TRADE NAMES:

ASSOCIATED MATERIALS, INC.

EVALUATED FOR USE IN THE STATE OF TEXAS

The Horizontal Sliding Window described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) subject to the following conditions:

1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection (Seaward and Inland I areas), this product complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC and does not require impact protection. This product meets missile level "D" and includes Wind Zone 3 as defined in ASTM E 1996.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

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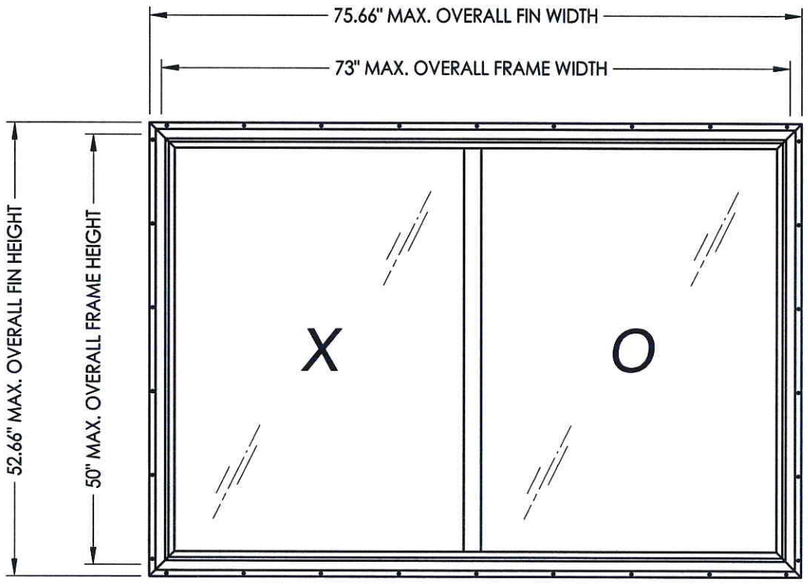
SHEET#	**DESCRIPTION**
1	Typical elevations, design pressures & general notes
2	Frame anchoring & cross sections
3	Bill of materials, glazing detail and components



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
75.66" X 52.66"	73.0" X 50.0"	32.25" x 43.87"	G1	+50.0	-50.0

STATE OF TEXAS ★★★ LYNDON F SCHMIDT 104123 LICENSED PROFESSIONAL ENGINEER 9-10-13

Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: HORIZONTAL SLIDER

PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY

REVISIONS

DATE: 9/10/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4322
SHEET 1 OF 3

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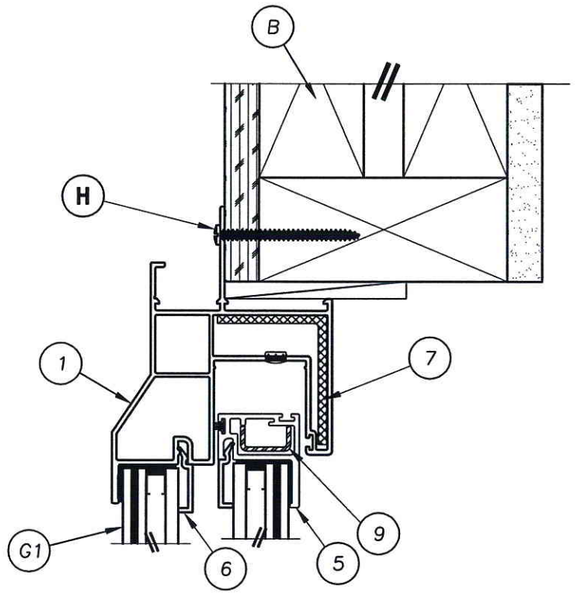
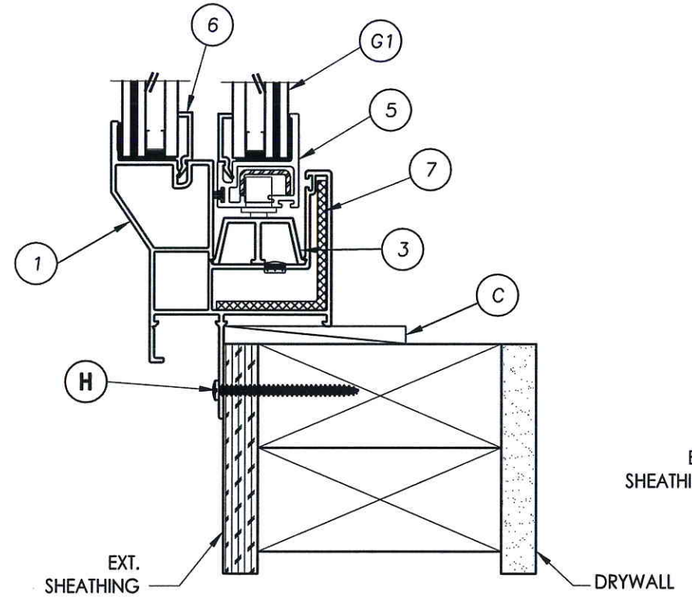
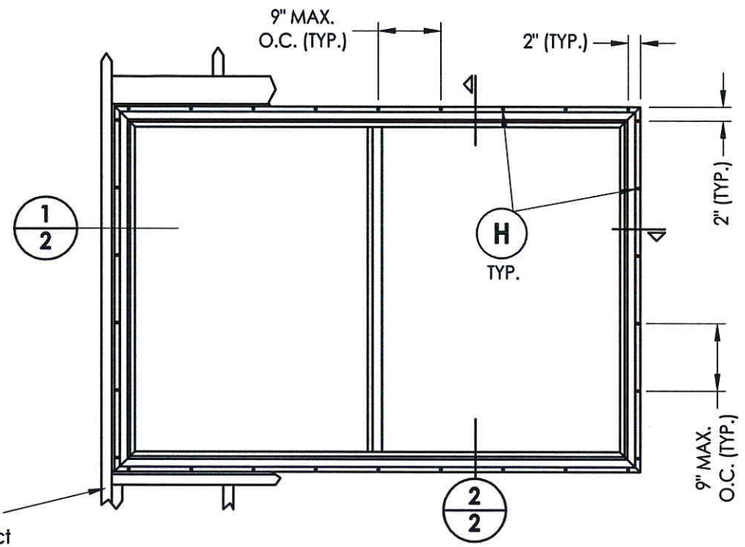
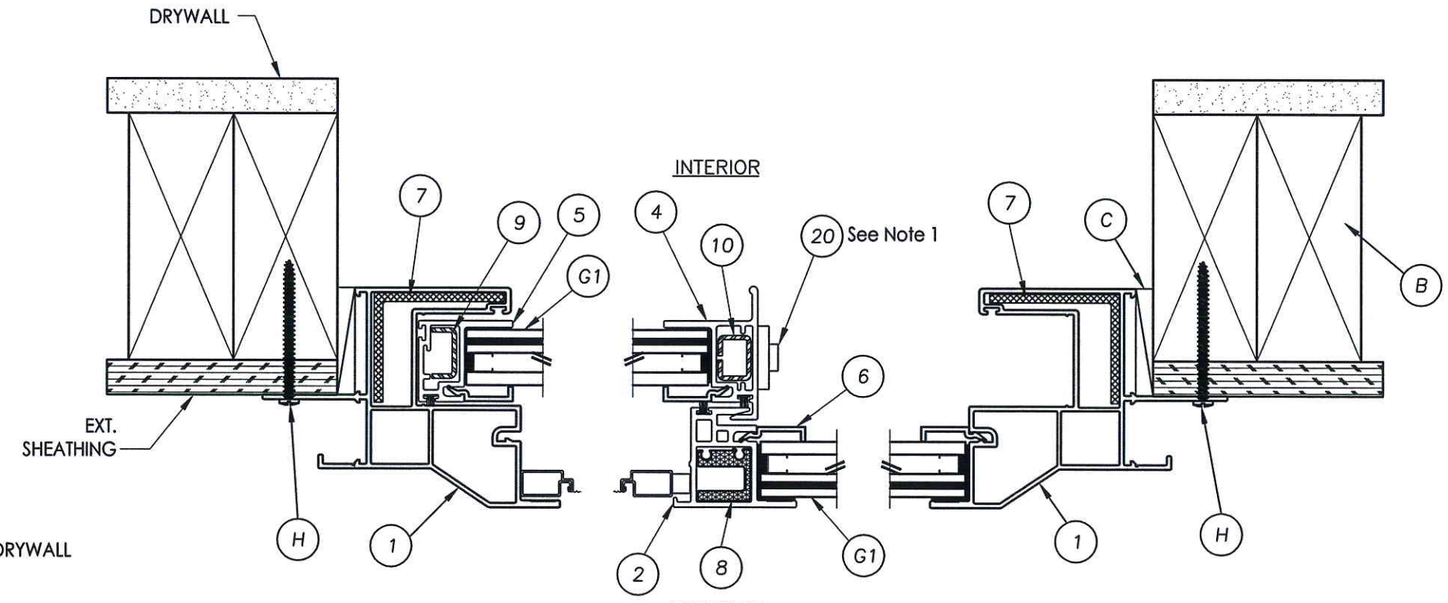


EXTERIOR INTERIOR

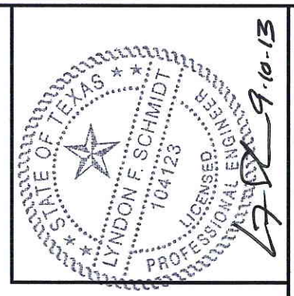


2/2 VERTICAL CROSS SECTION





1/2 HORIZONTAL CROSS SECTION



NOTE:
1. Locks & keepers (2) located 7-1/2" from each end of meeting stile.

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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: HORIZONTAL SLIDER

PART OR ASSEMBLY: FRAME ANCHORING & CROSS SECTIONS

NO.	DATE	BY	REVISIONS

DATE: 9/10/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4322
SHEET 2 OF 3

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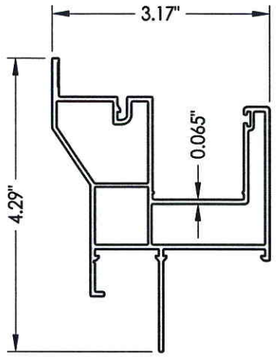
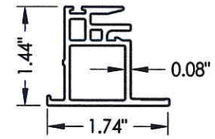
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
F	#8 X 2" PPH SMS	STEEL
1	EXTRUDED VINYL FRAME *	RIGID PVC
2	EXTRUDED VINYL KEEPER RAIL *	RIGID PVC
3	EXTRUDED VINYL SILL TRACK *	RIGID PVC
4	EXTRUDED VINYL LOCK RAIL *	RIGID PVC
5	EXTRUDED VINYL SASH STILE *	RIGID PVC
6	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
7	EXTRUDED ALUMINUM FRAME REINFORCEMENT	ALUMINUM
8	EXTRUDED ALUMINUM MULLION REINFORCEMENT	ALUMINUM
9	ROLL FORMED STEEL SASH REINFORCEMENT	STEEL
10	ROLL FORMED STEEL LOCK RAIL REINFORCEMENT	STEEL
17	"U" SHAPED METAL SPACER	STEEL
19	STRUCTURAL ADHESIVE SEALANT (DOW 995)	SILICONE
20	CAM LOCK & KEEPER (TRUTH)	STEEL

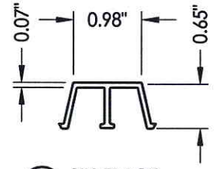
*THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS."



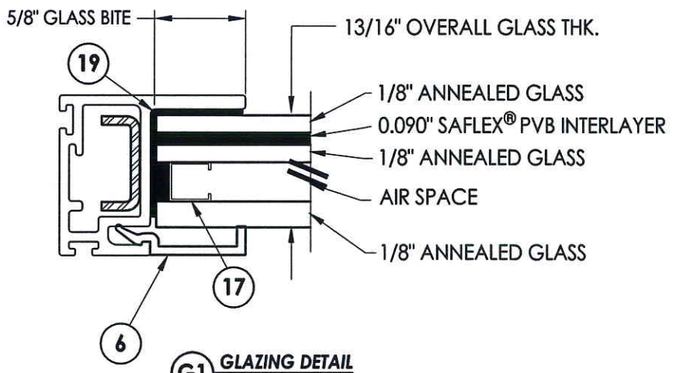
1 MAIN FRAME



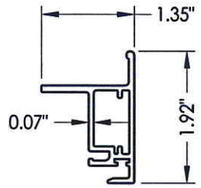
2 KEEPER RAIL



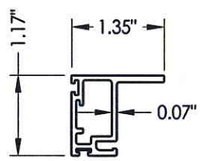
3 SILL TRACK



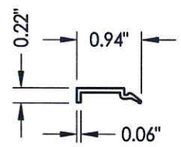
G1 GLAZING DETAIL



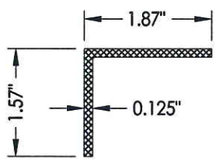
4 LOCK RAIL



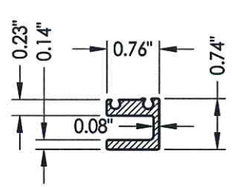
5 SASH STILE



6 GLAZING BEAD



7 REINFORCEMENT



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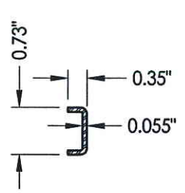
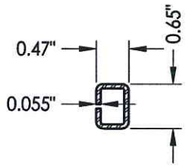


9 REINFORCEMENT



10 REINFORCEMENT

Documents Prepared By: Lyndon F. Schmidt, P.E.
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STATE OF TEXAS · LYNDON F. SCHMIDT · 104123 · LICENSED PROFESSIONAL ENGINEER

9-10-13

PRODUCT: HORIZONTAL SLIDER

PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 9/10/13
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DWG. BY: JK
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DRAWING NO.: TX-4322
SHEET 3 OF 3

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